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PD - 2000-11-24
PR - JP19990132978 19990513
OPD - 1999-05-13
TI - METHOD AND DEVICE FOR CURSOR POSITION GUIDANCE ON
SCREEN OF ELECTRONIC DISPLAY DEVICE
IN - ICHISE HIROSHI
PA - TOYO COMMUNICATION EQUIP
IC - G06F3/00 ; G06F3/00 ; G06F3/033

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TI - Cursor position warning procedure for use with personal computer,
involves generating audible sounds with frequency proportional to
deviation of cursor from the origin
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PN - JP2000322168 A 20001124 DW200109 G06F3/00 008pp
PA - (TOCM) TOYO COMMUNICATION EQUIP CO
IC - G06F3/00 ;G06F3/033
AB - JP2000322168 NOVELTY - Cursor position on screen of computer
is expressed with X and Y coordinates, and is alerted by the
generation of audible sound. The audible sound is generated with a
frequency proportional to the deviation of the cursor from the origin
of X and Y coordinates.
- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also
included for cursor position warning apparatus.
- USE - For warning about cursor position on screen of personal
computer.
- ADVANTAGE - Operation efficiency of the computer is improved
when it is used with a device such as mouse.
- DESCRIPTION OF DRAWING(S) - The figure shows the block
diagram of the cursor position warning apparatus.
- (Dwg.1/8)
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- IN - ICHISE HIROSHI
- PA - TOYO COMMUN EQUIP CO LTD
- TI - METHOD AND DEVICE FOR CURSOR POSITION GUIDANCE ON
SCREEN OF ELECTRONIC DISPLAY DEVICE
- AB - PROBLEM TO BE SOLVED: To obtain a method for cursor position
guidance on an electronic display device screen which makes it
easy to confirm a cursor position by representing the cursor
position as X and Y coordinates and generating and outputting an
audible tone corresponding to the extent of deviation from X and Y
reference points.
- SOLUTION: A control part106 generates a frequency control signal
X and a frequency control signal Y corresponding to the respective
X coordinate and Y coordinate of a position according to a cursor
position coordinate signal corresponding to the position inputted
from a computer main body102. A variable frequency oscillator
107a generates an X audible signal corresponding to the frequency
signal X and a variable frequency oscillator 107b generates a Y
audible signal corresponding to the frequency control signal Y. The
X audible signal and Y audible signal are synthesized by an adder
108, amplified by an amplifier109, and then outputted as an
audible sound from a speaker 110. With the audible sound from the
speaker 110, the position of the cursor on the screen of a CRT 103
can easily be found.
- I - G06F3/00 ;G06F3/033